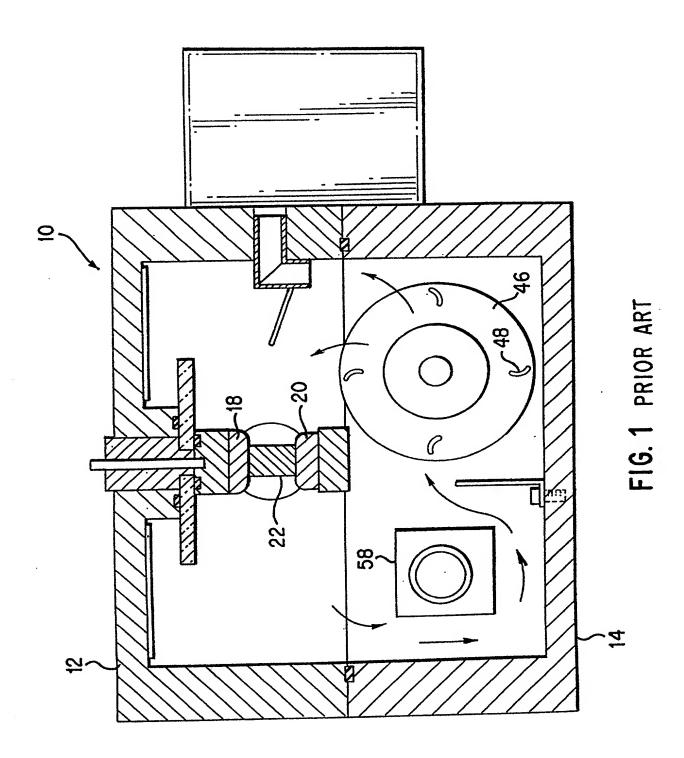
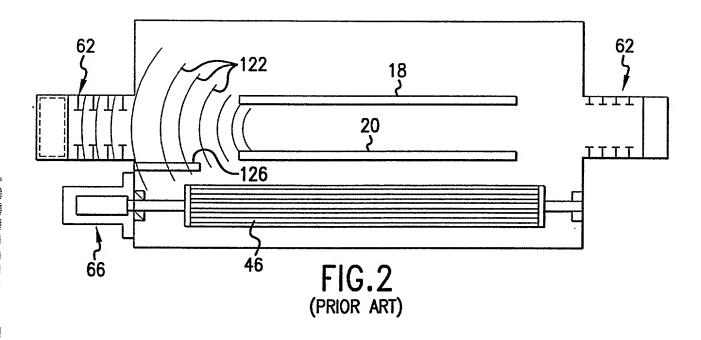
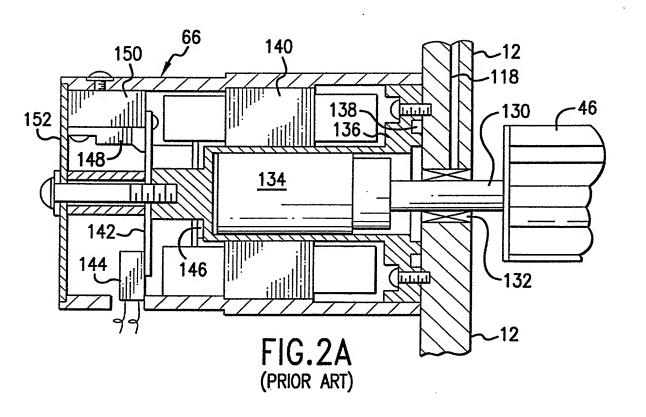
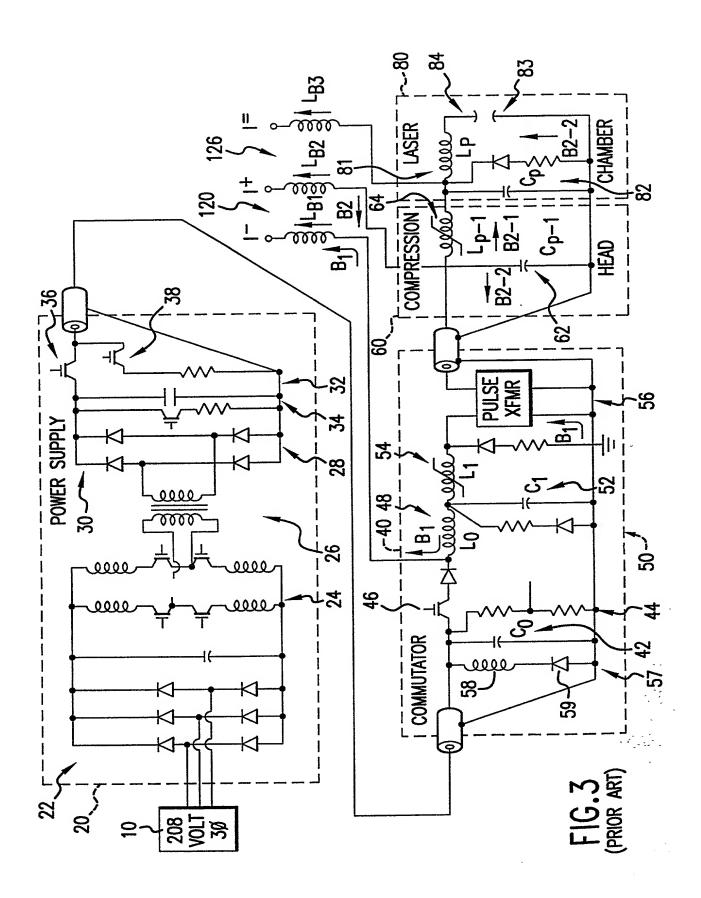
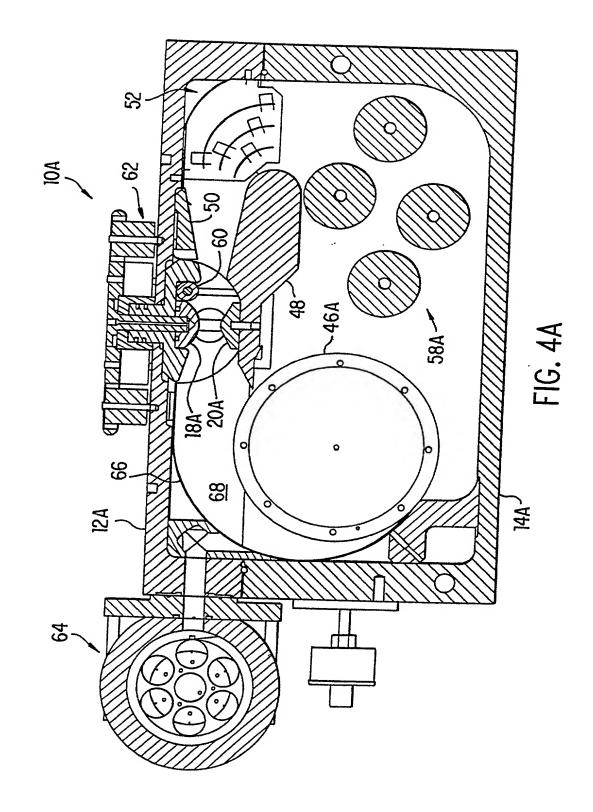
i. .ë











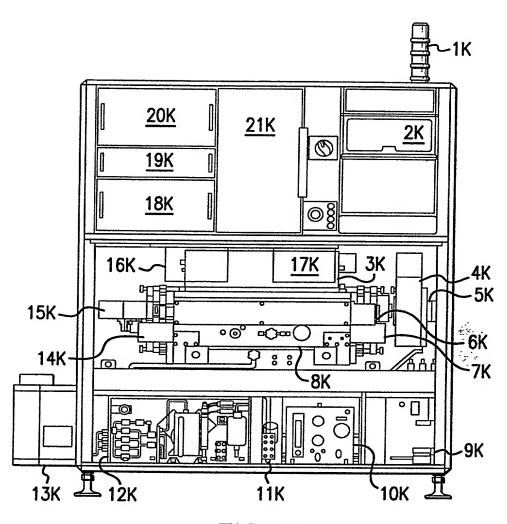
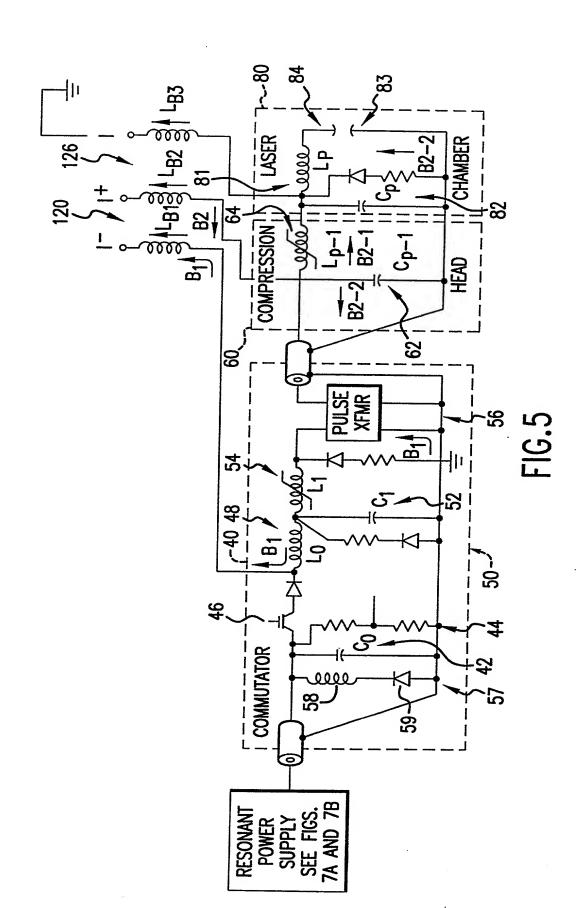
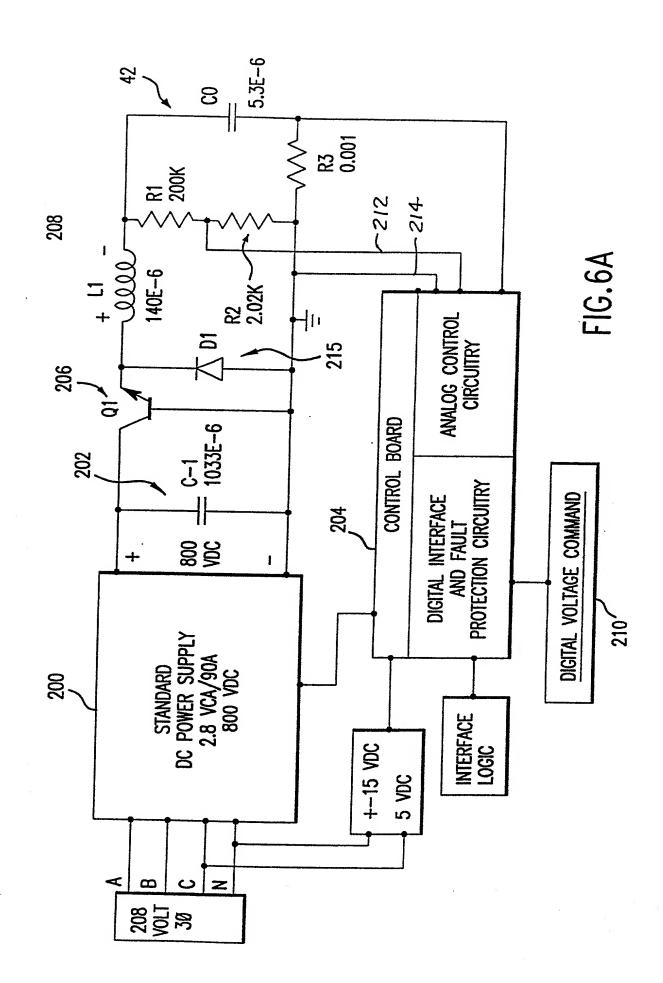
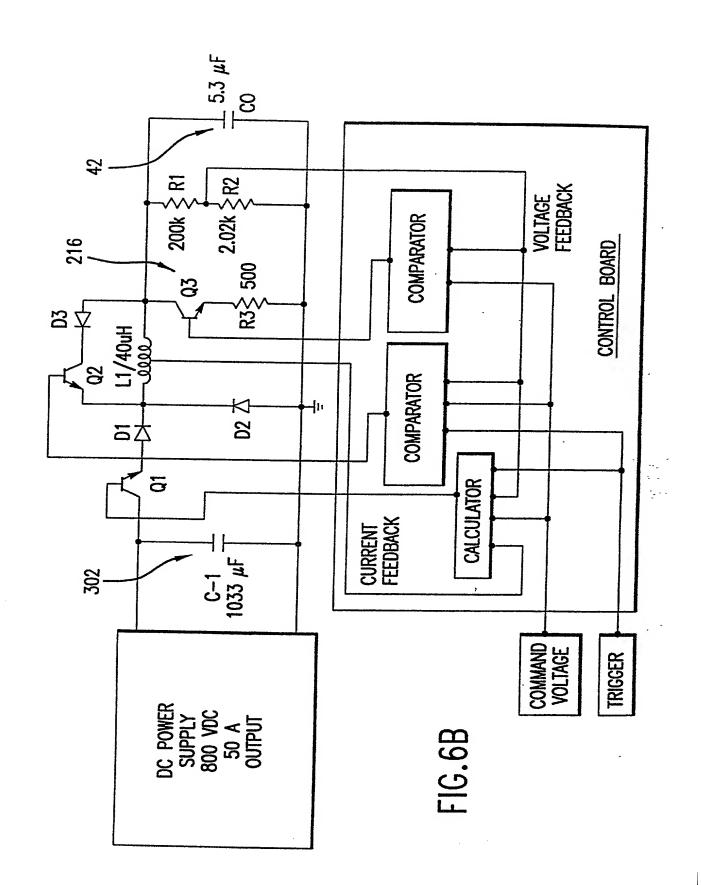
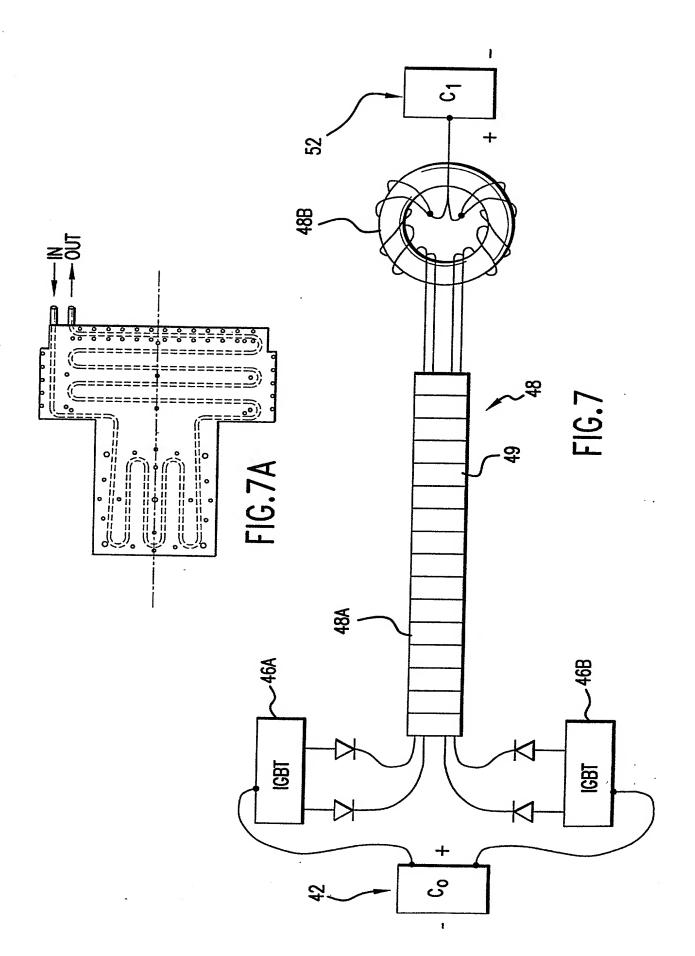


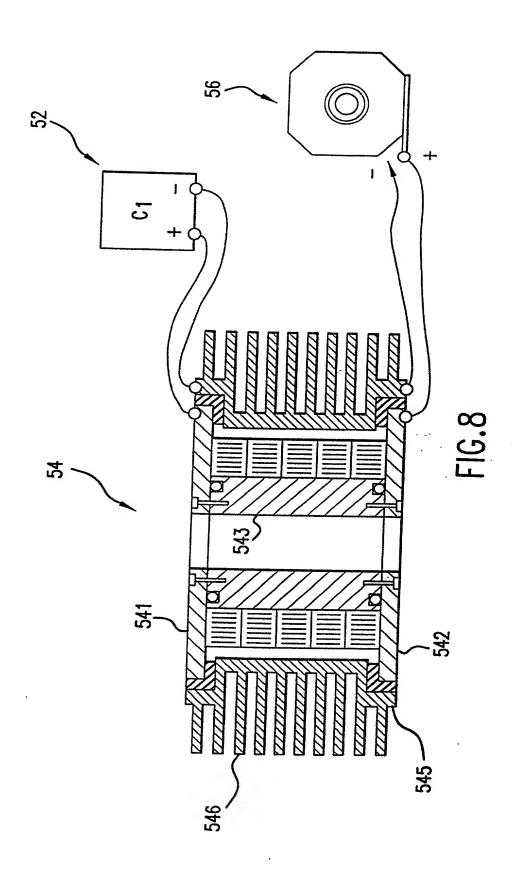
FIG.4B

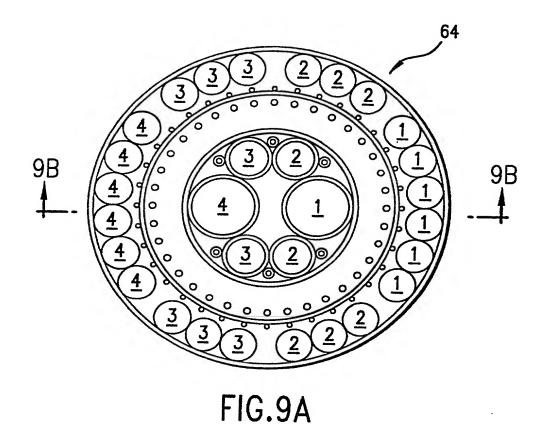


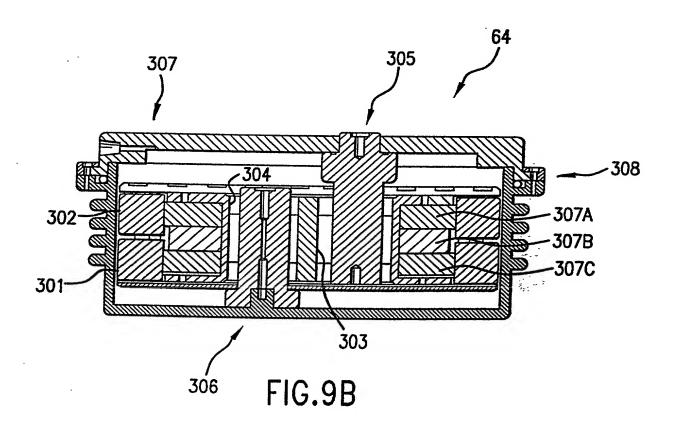


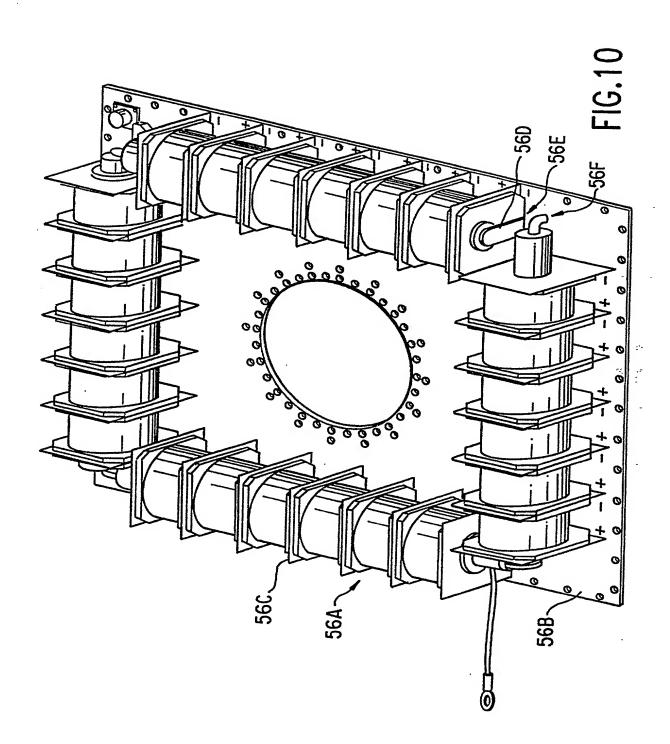


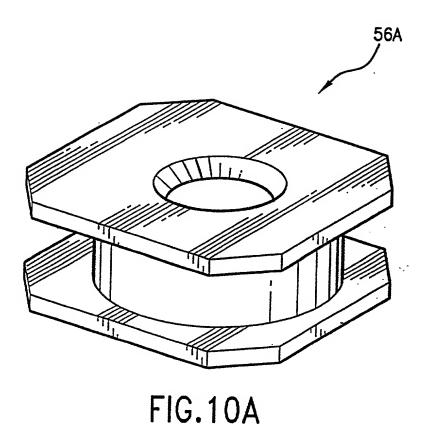


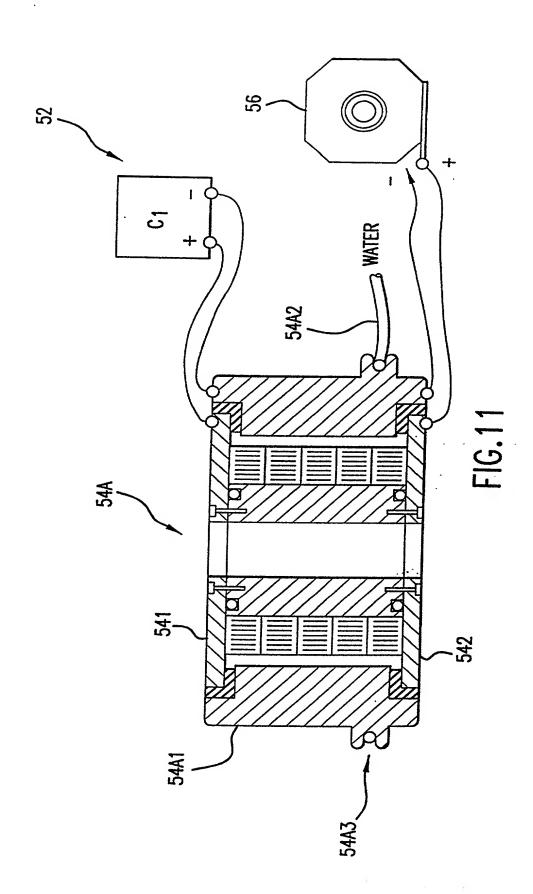


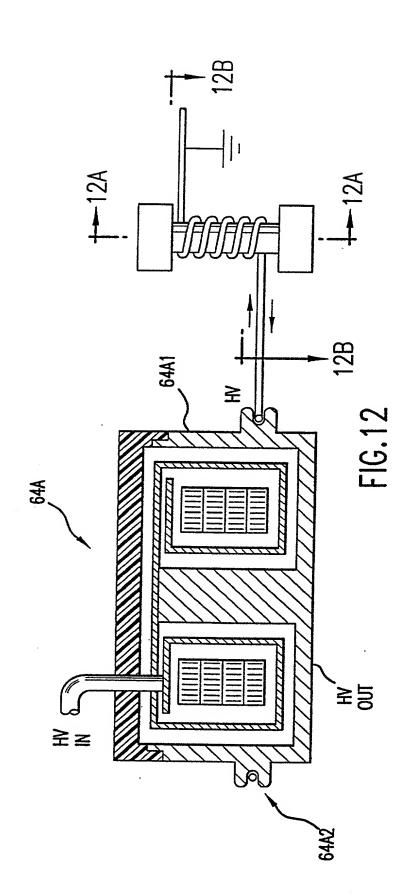












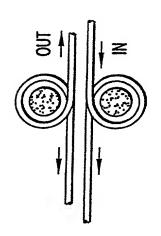


FIG. 12B

FIG.12A

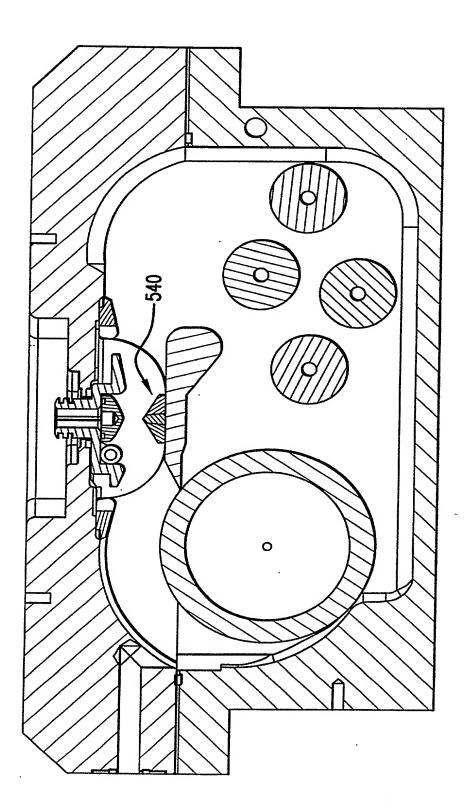


FIG. 13

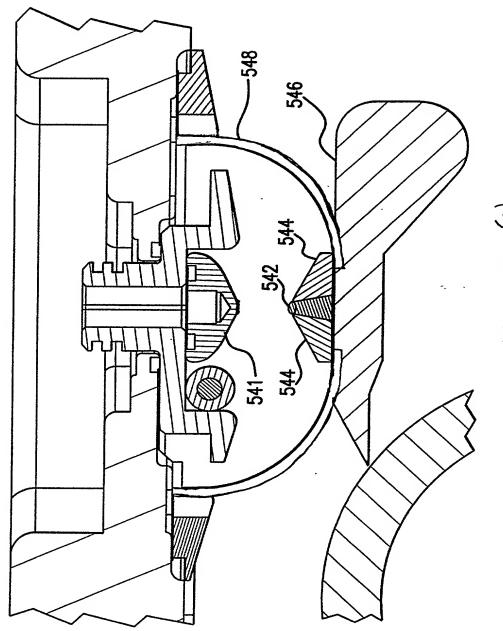


FIG. 13A (1)

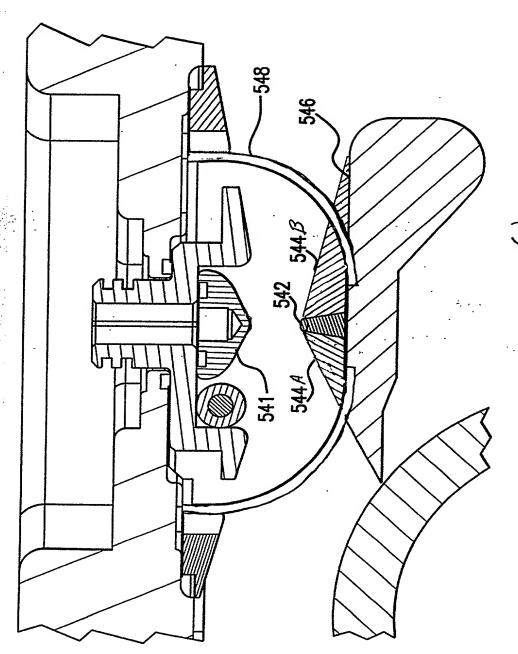
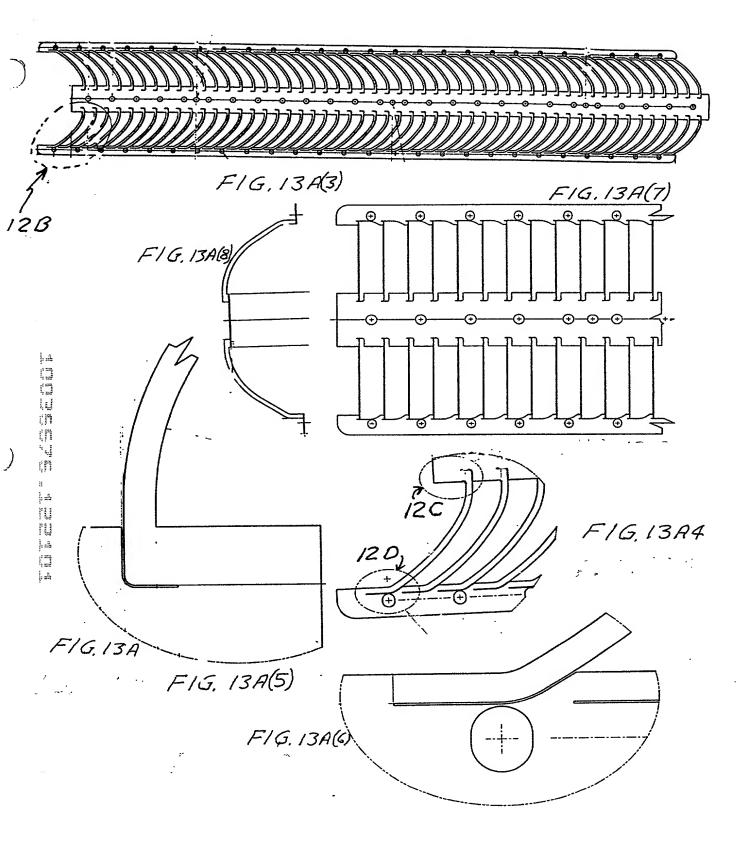


FIG. 13A (2)

... i



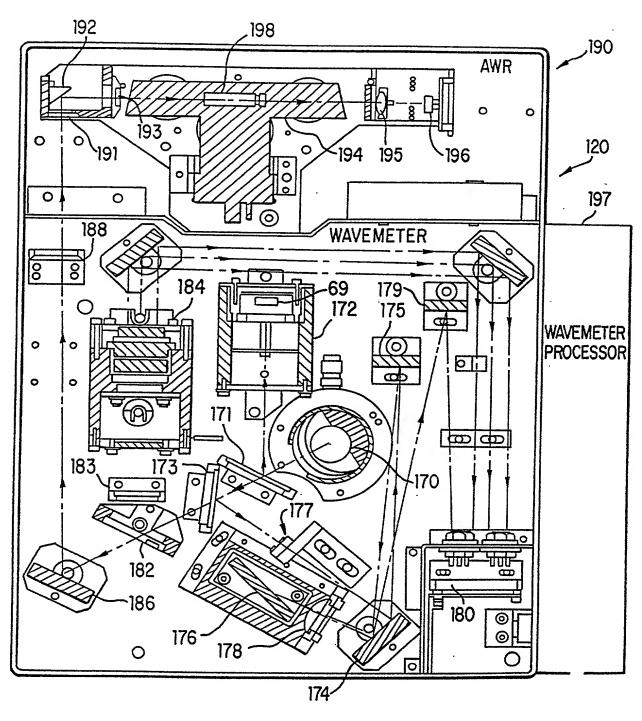


FIG.14

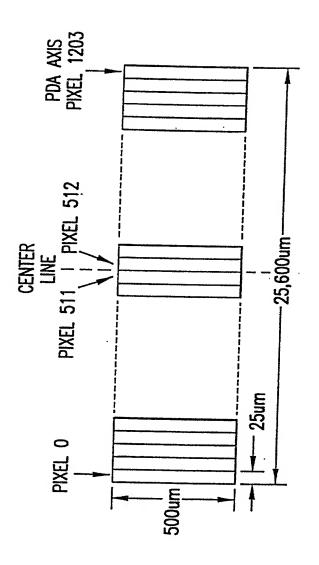
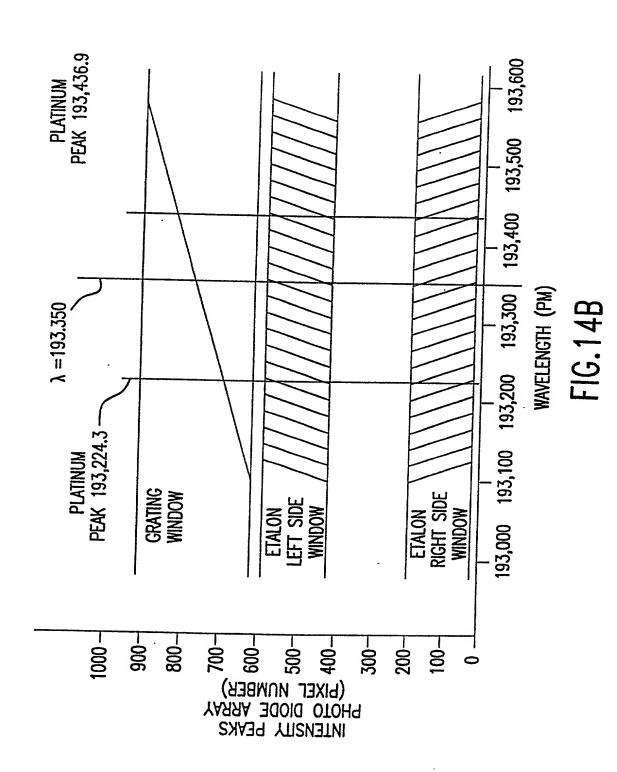
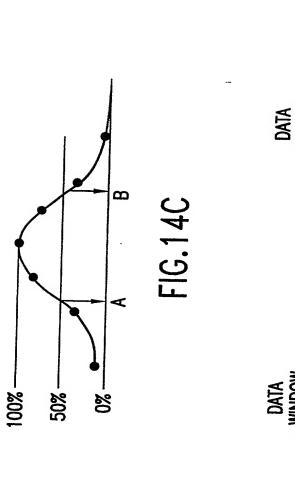
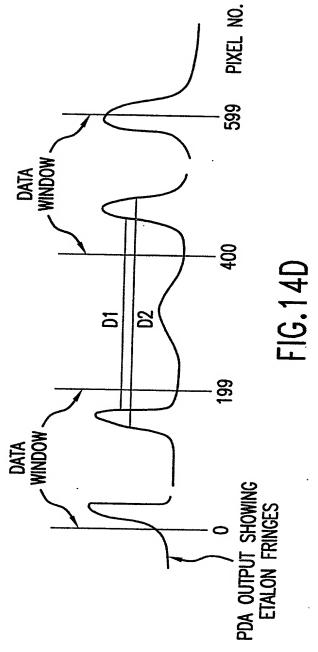
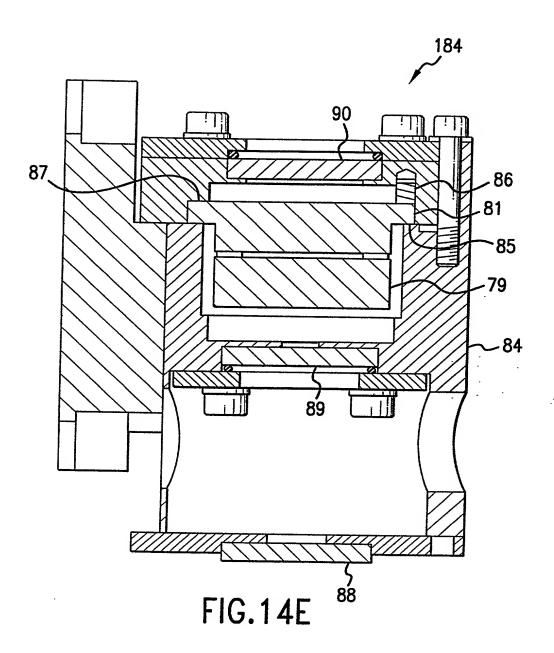


FIG.14A









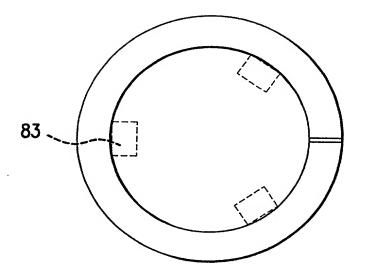
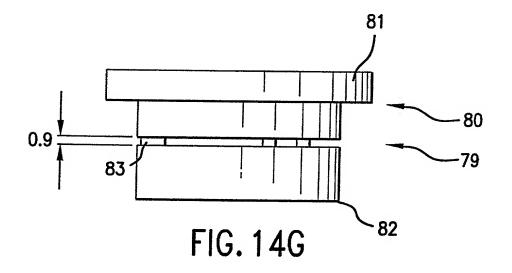


FIG. 14F



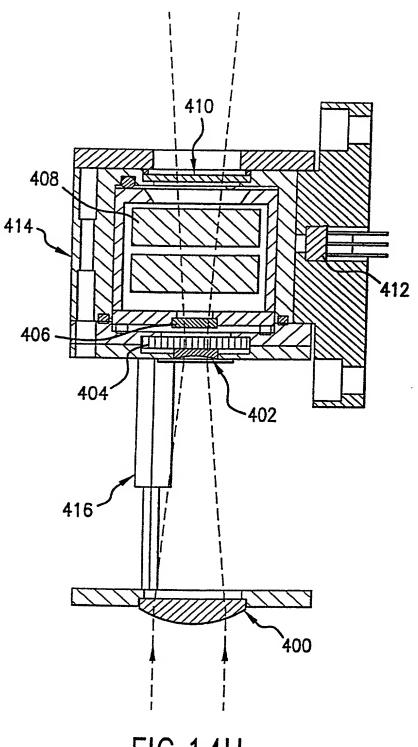
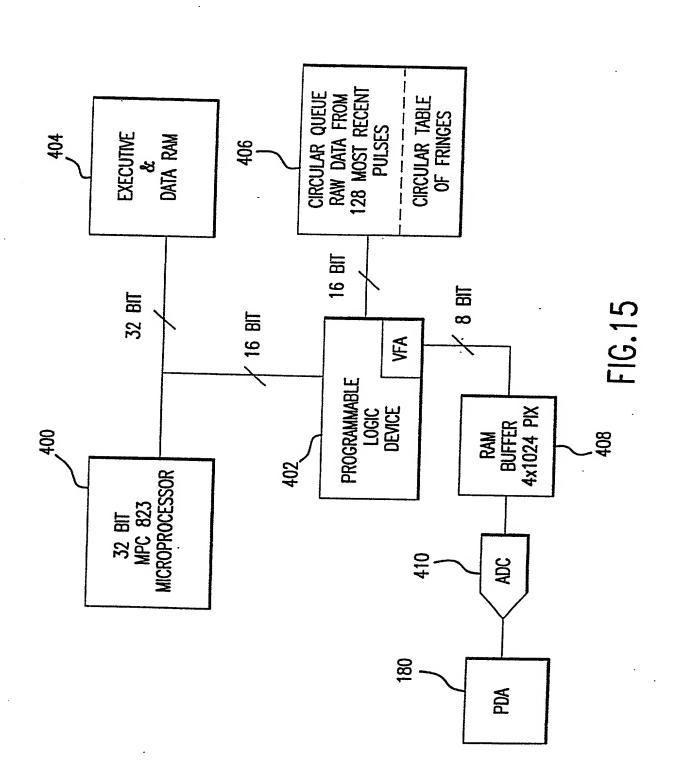
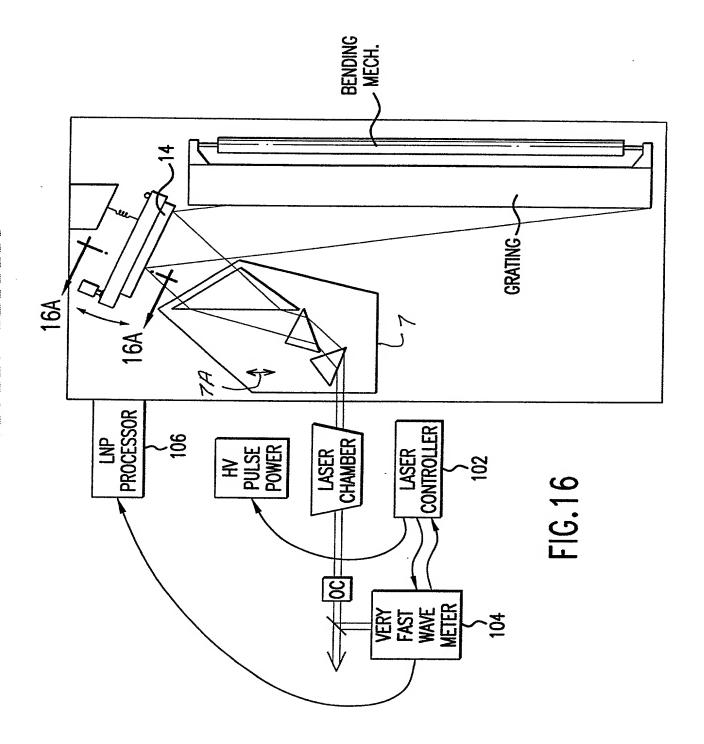
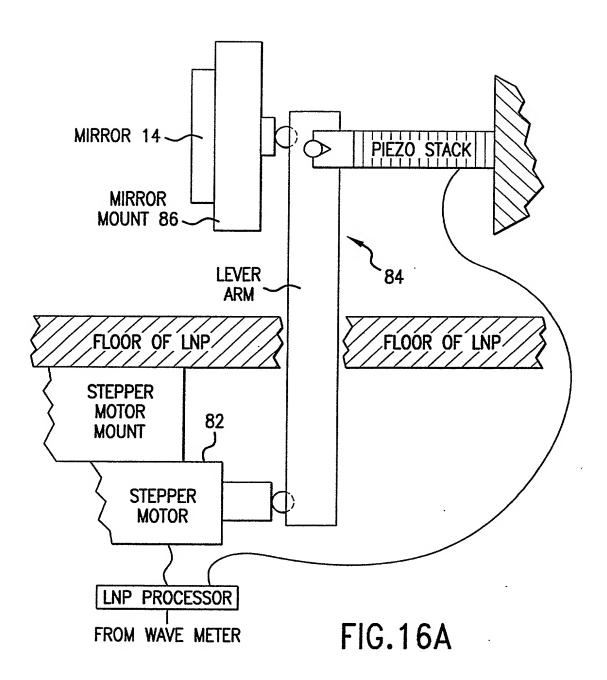
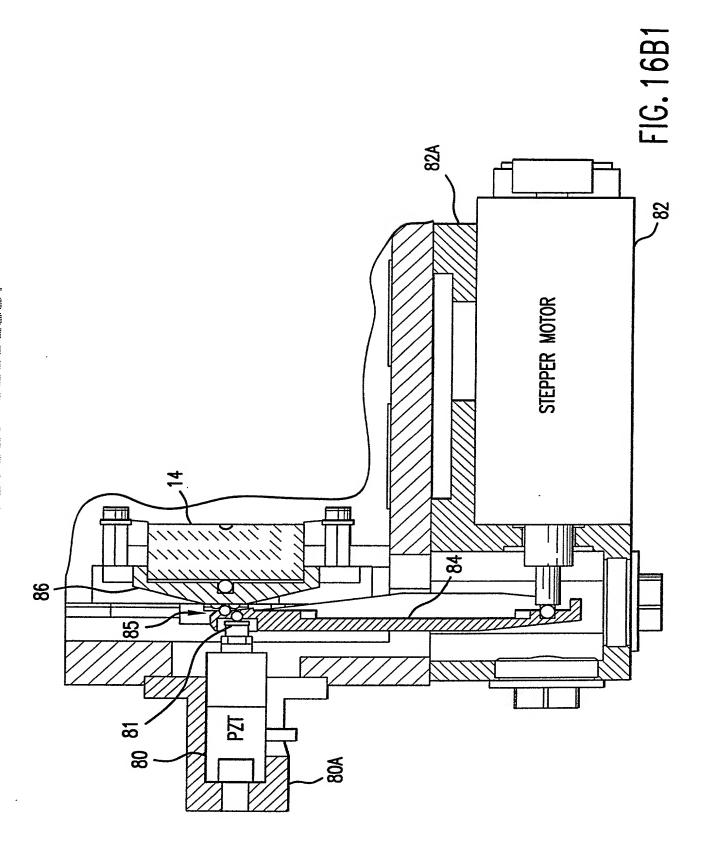


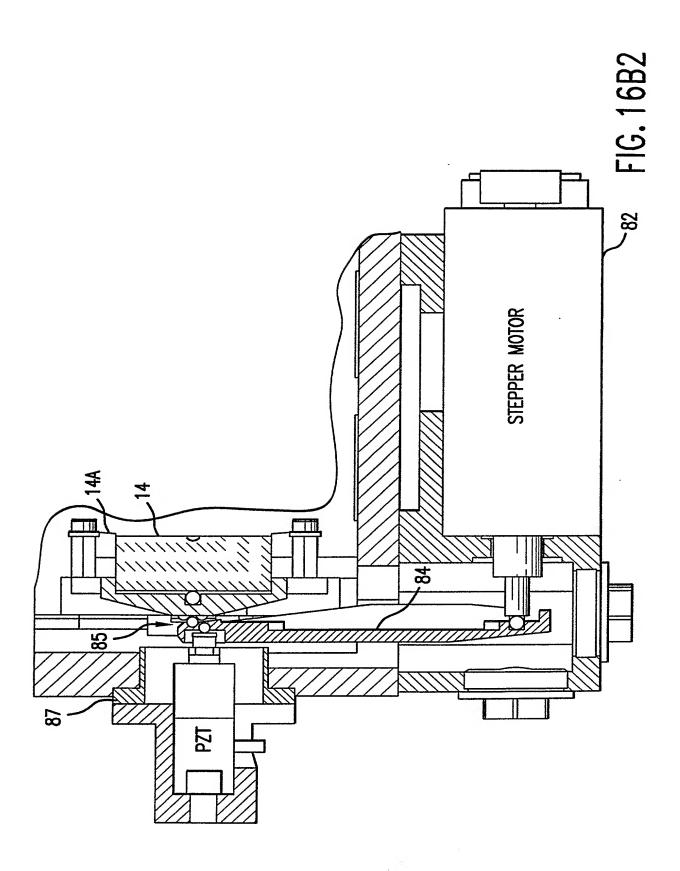
FIG.14H

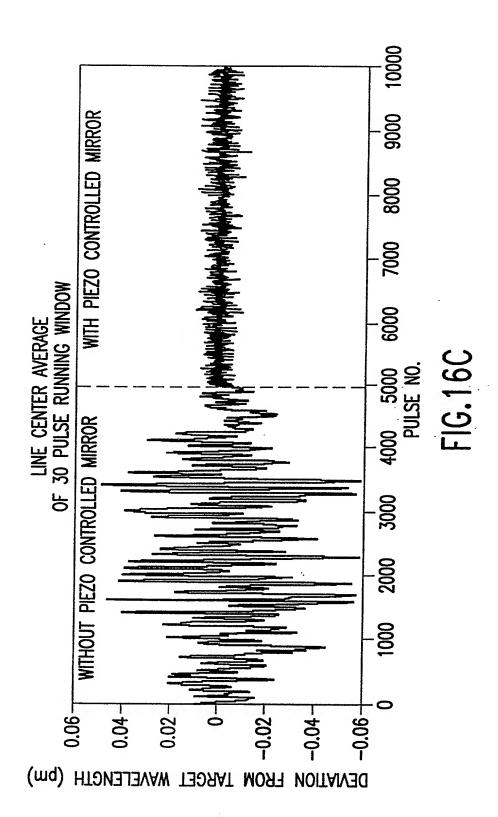


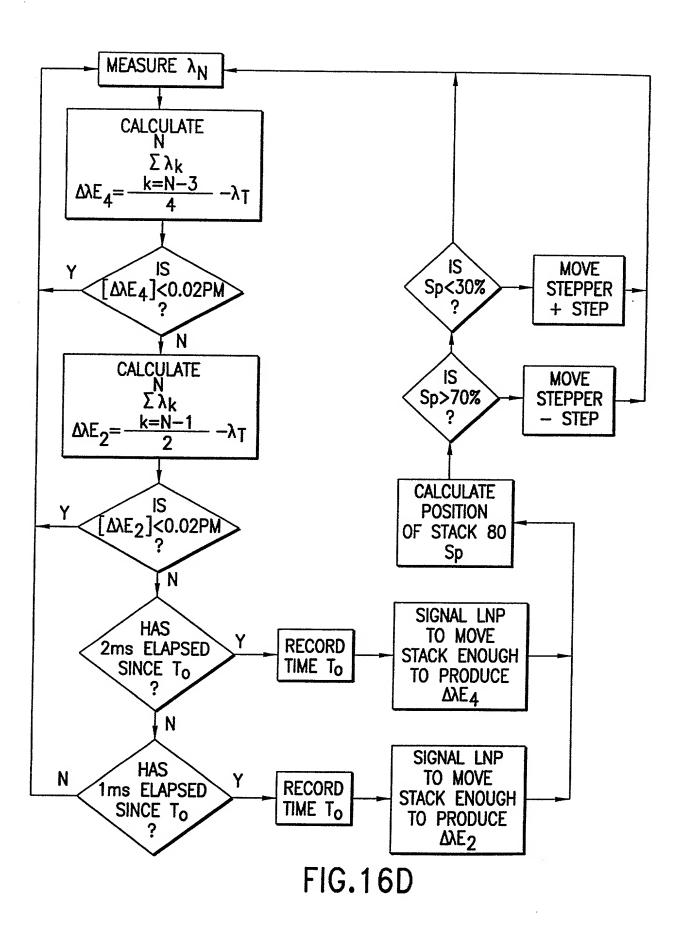












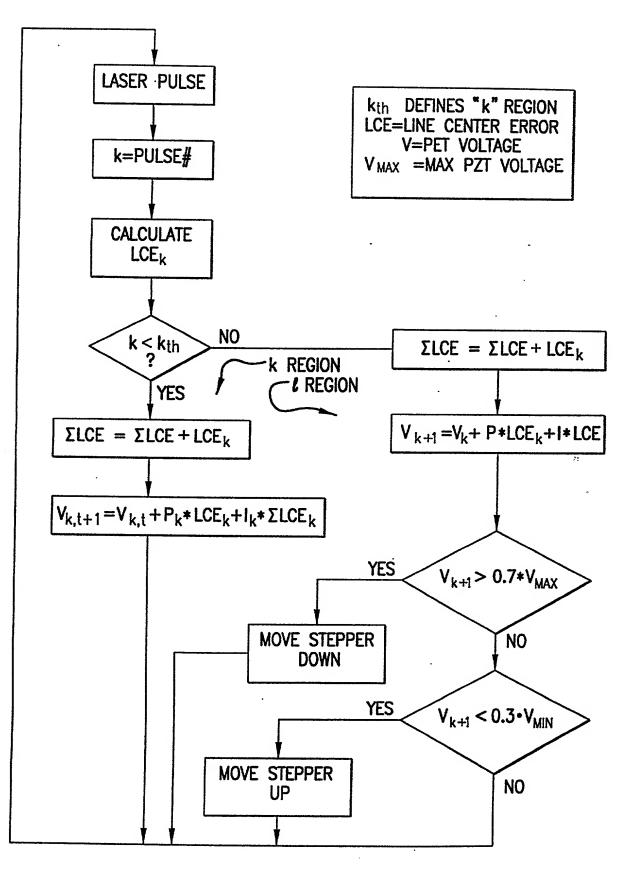


FIG.16E

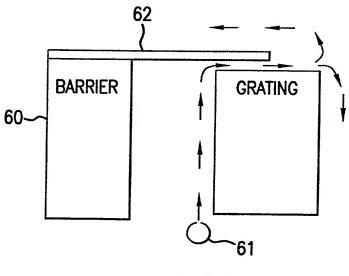
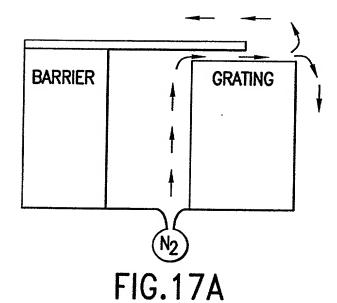
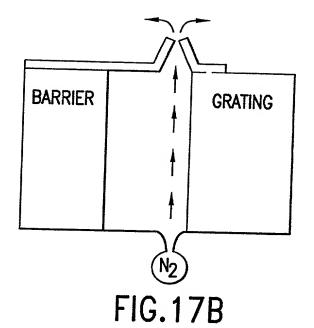
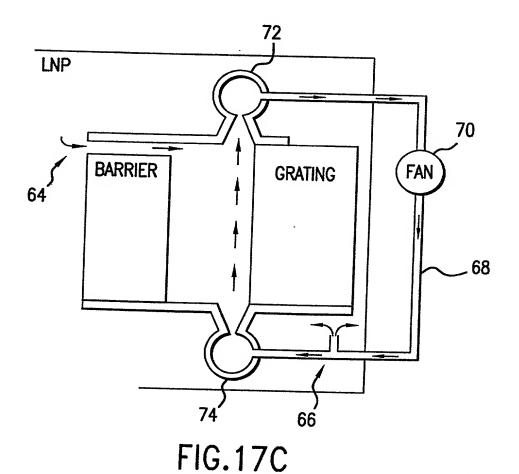


FIG.17







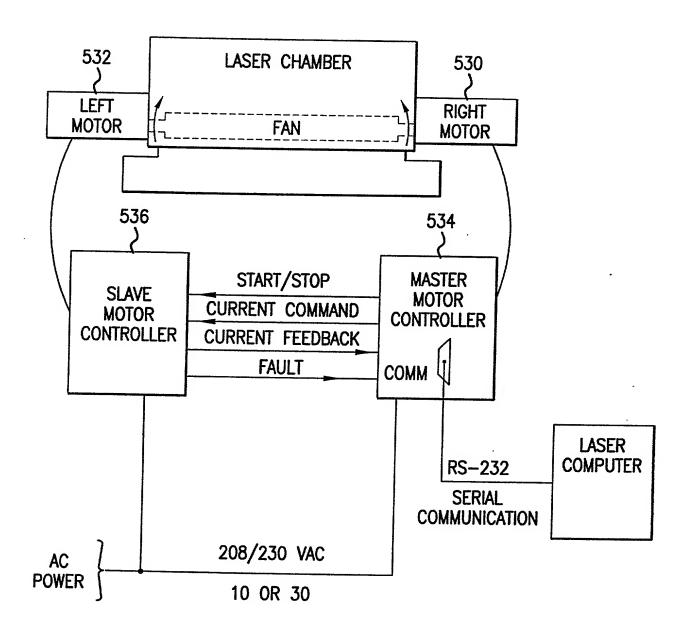
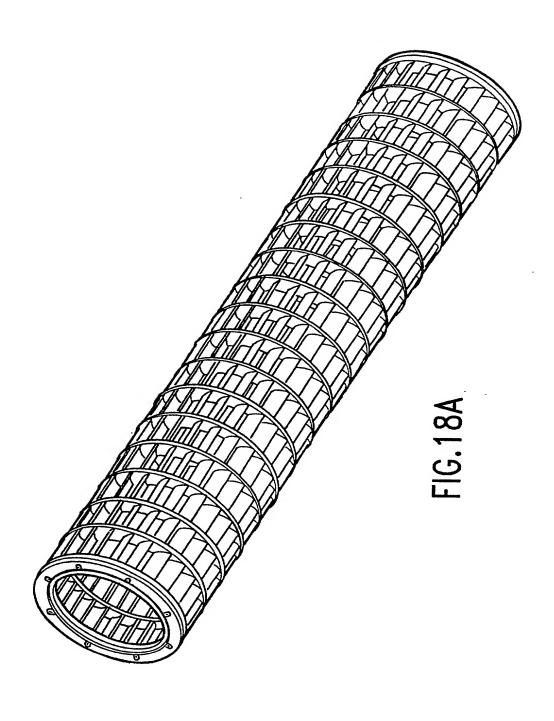
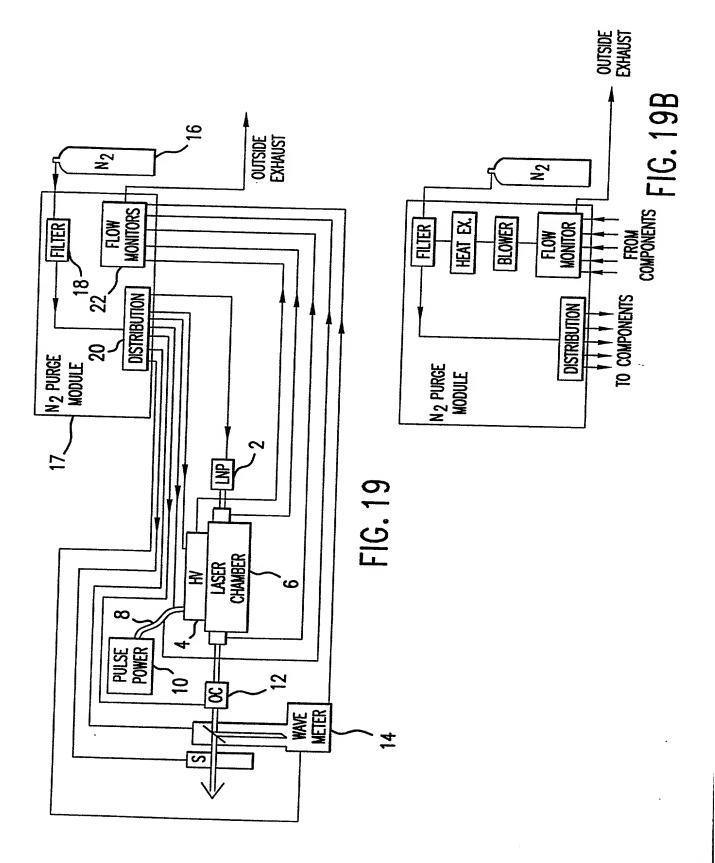
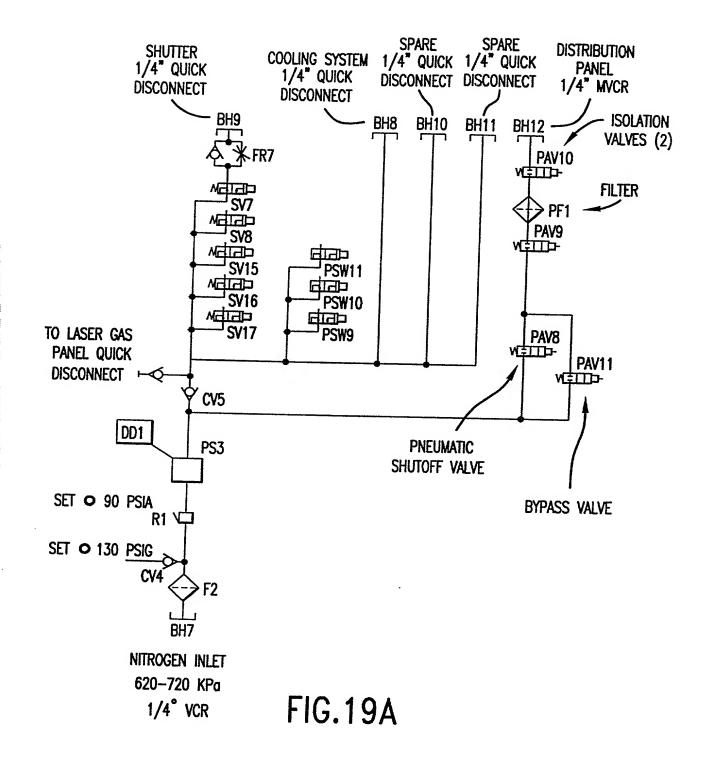
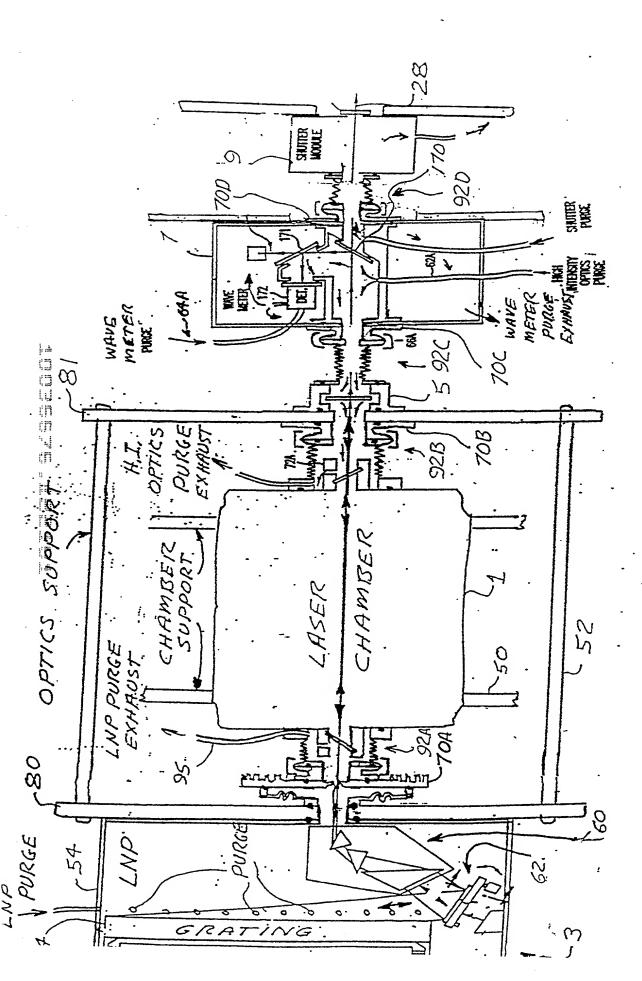


FIG. 18

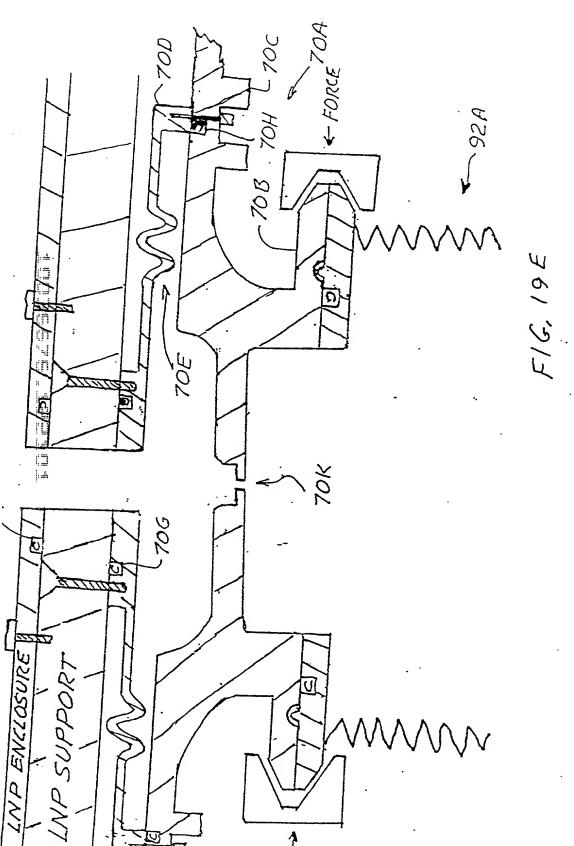


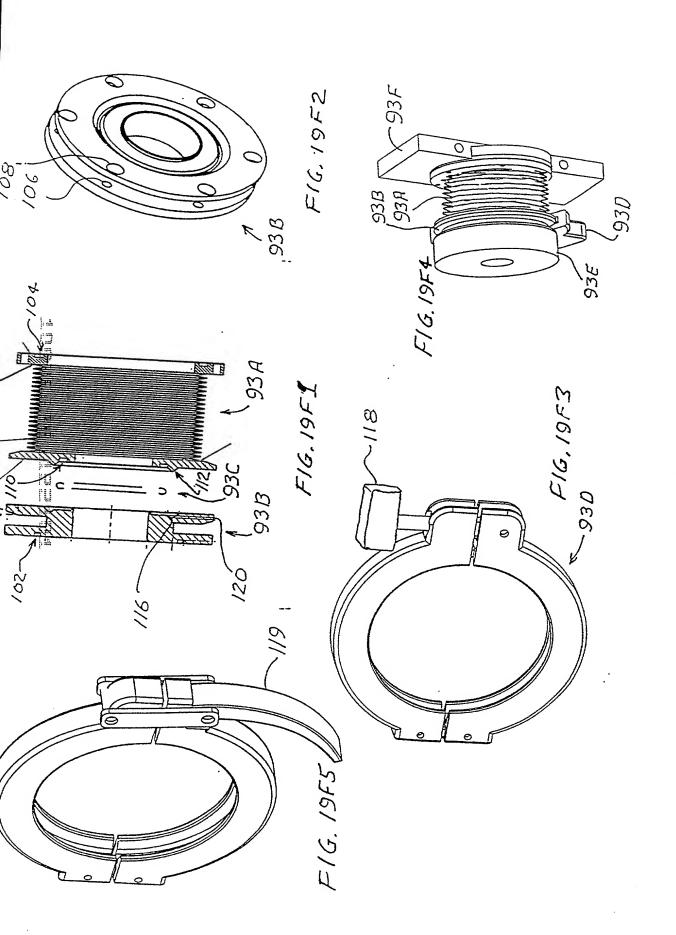


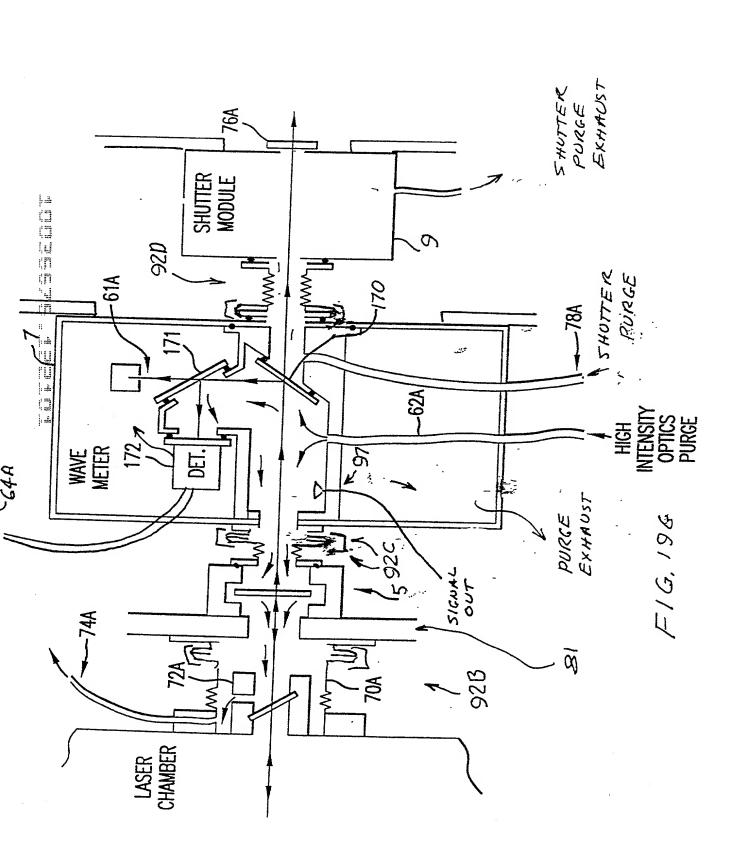


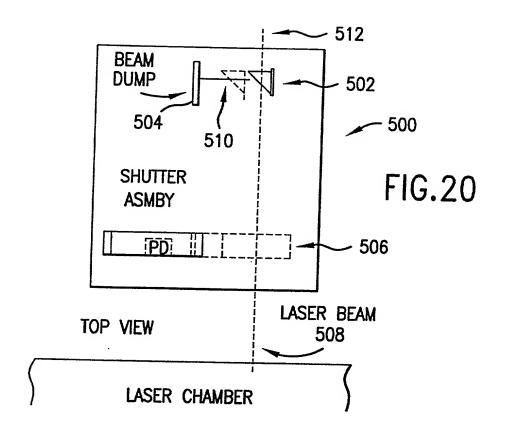


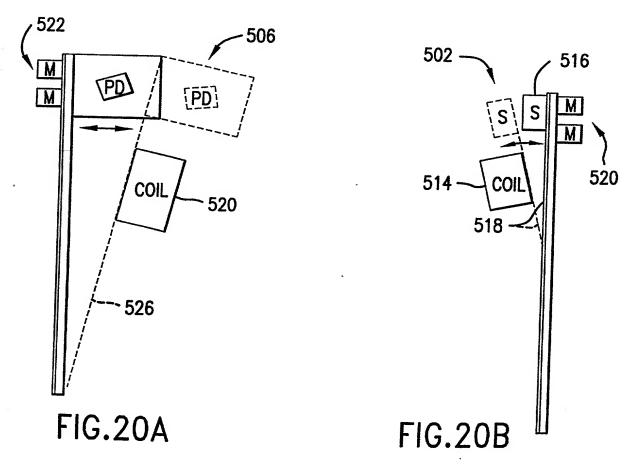
F/G, 19C

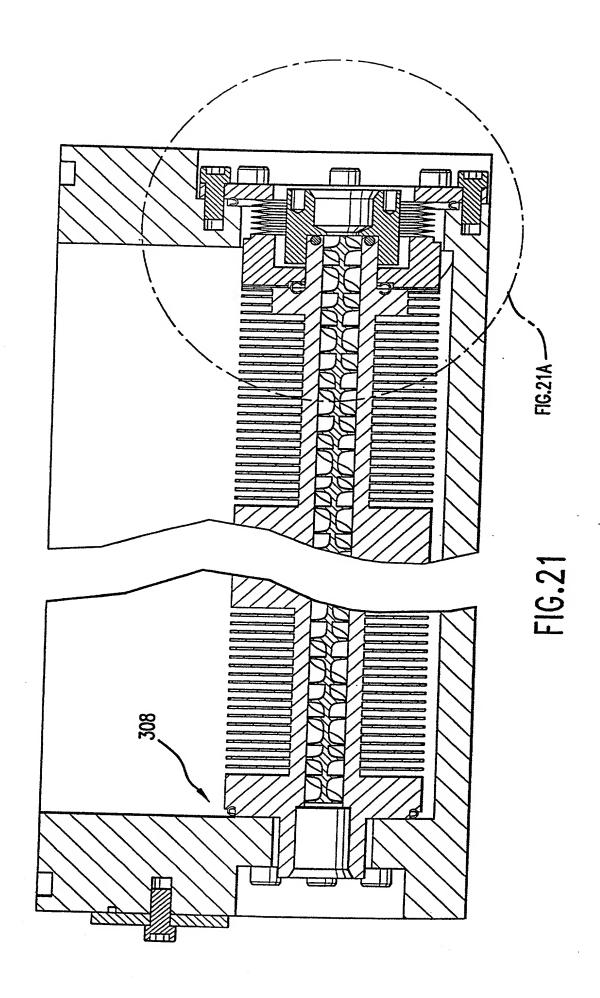












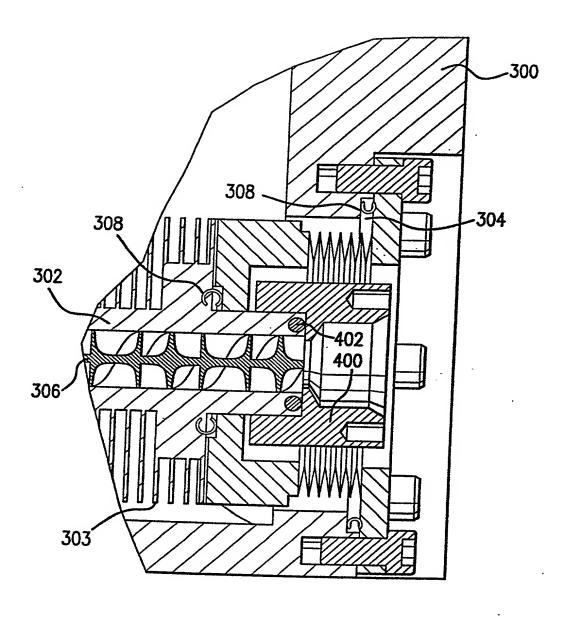
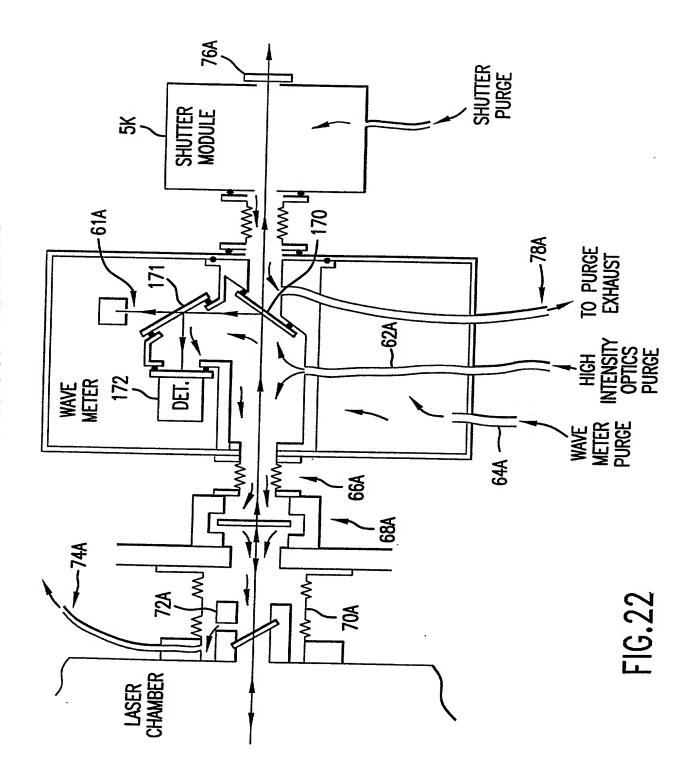
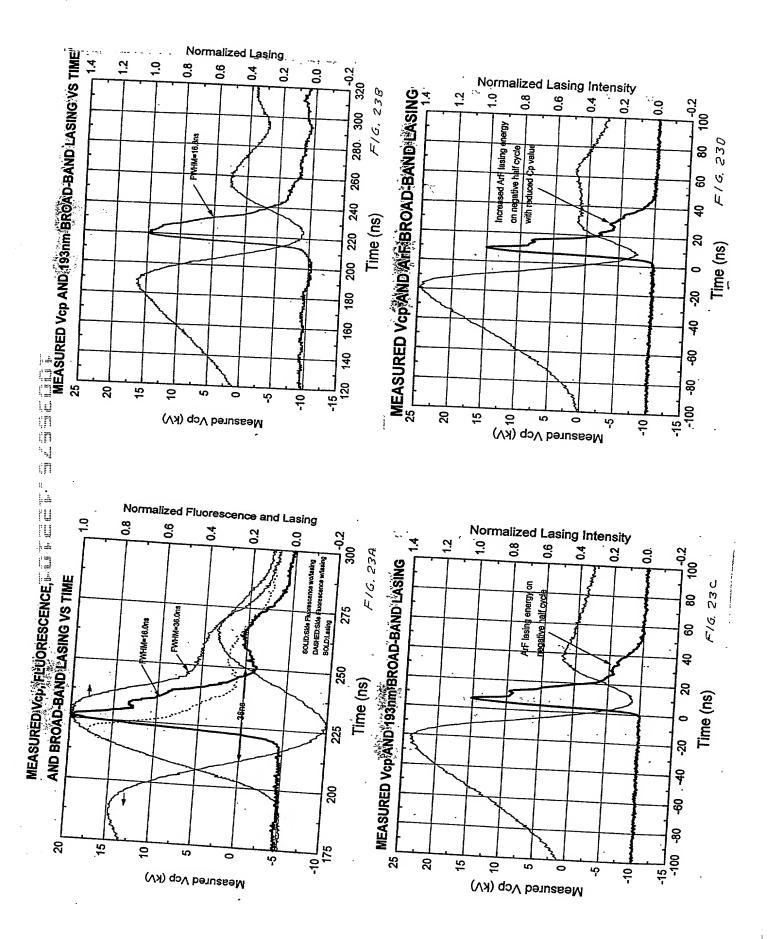


FIG.21A





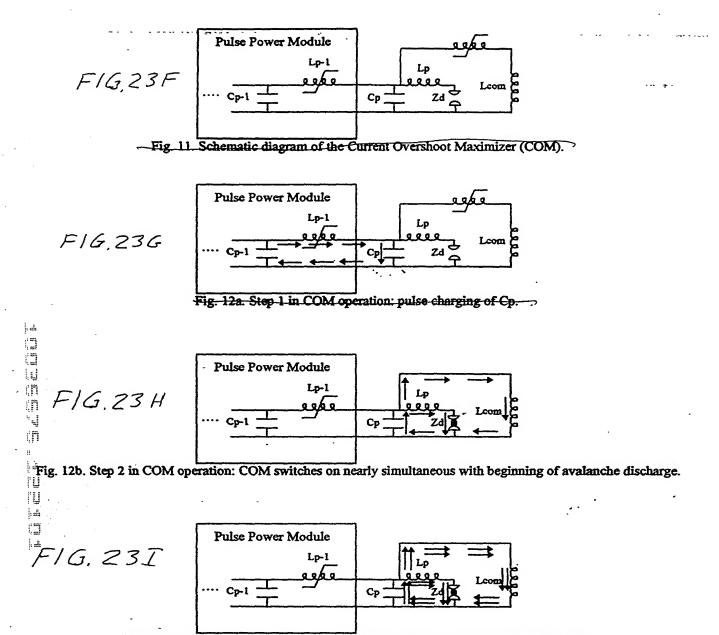


Fig. 12c. Step 3 in COM operation: current flow builds in the discharge and Lcom.

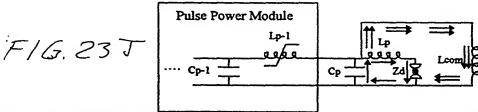


Fig. 12d. Step 4 in COM operation: the voltage on Cp passes through zero and the current flow through the discharge begins to subside, but the Lp inductance and the Lcom inductance force continued current flow from Cp.

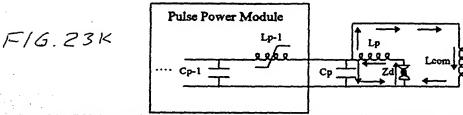


Fig. 12e. Step 5 in COM operation: The current through Lp and the discharge finally reverses and this current flows into Cp and Lcom.

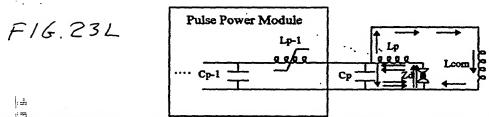


Fig. 12f Step 6 in COM operation: The reverse current flow through the discharge is driven by both the Lcom current and the negative voltage on Cp and thus is increased over that obtained by Vcp overshoot only.

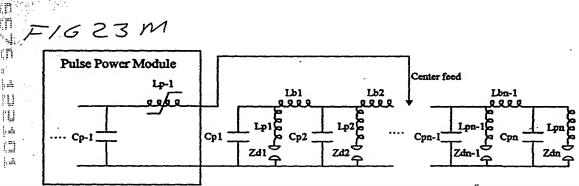


Fig. 13. A more accurate schematic representation of the laser chamber showing the distributed circuit components.

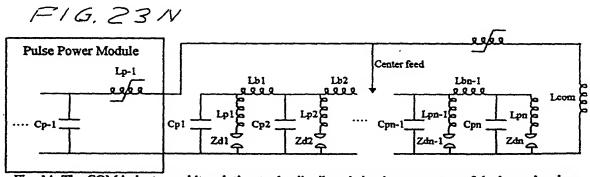
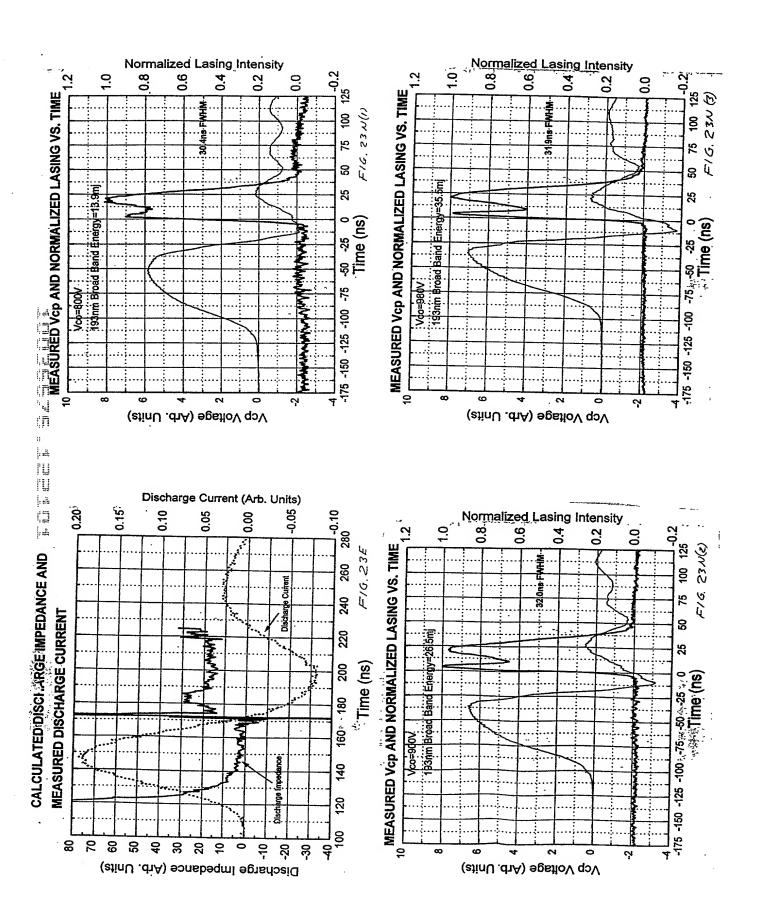
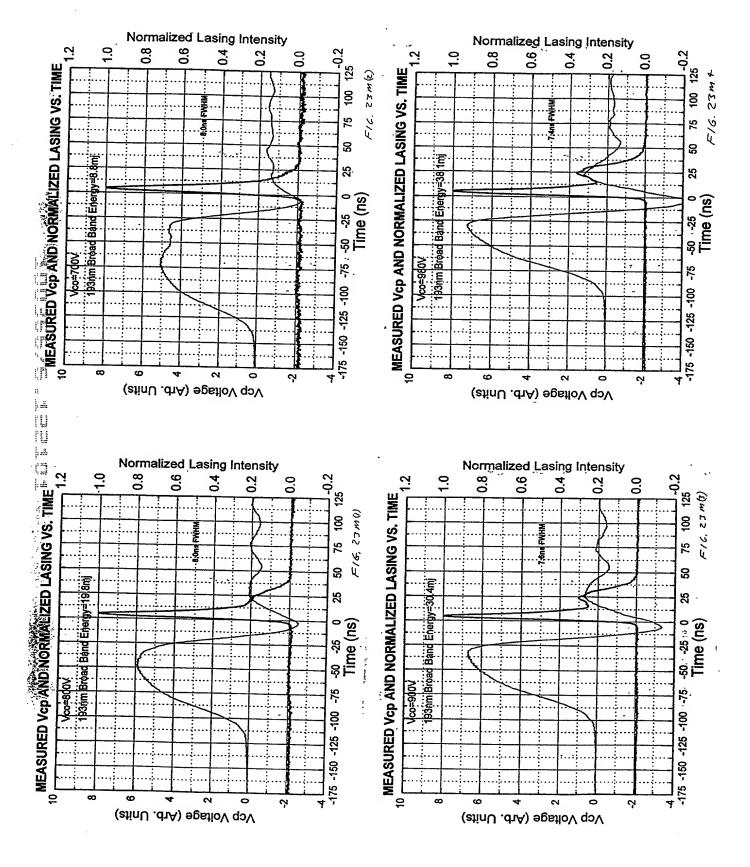
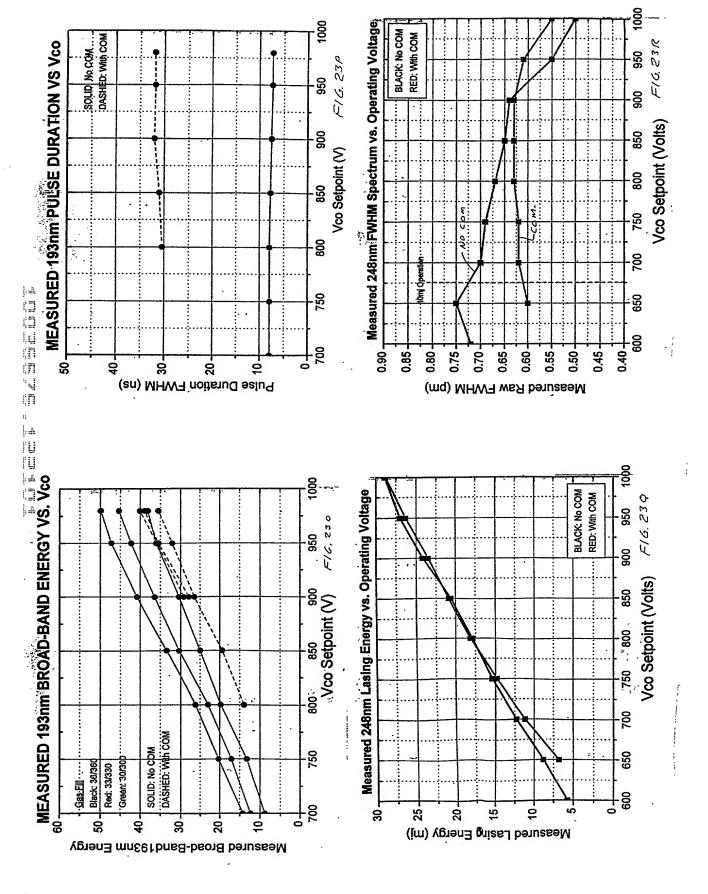
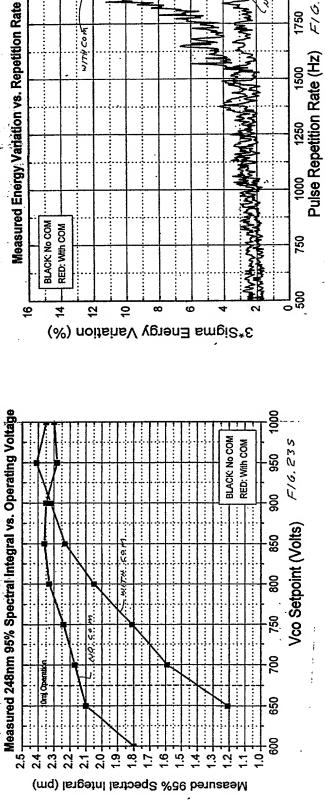


Fig. 14. The COM inductor and its relation to the distributed circuit components of the laser chamber.









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